

K100668

**510(k) Summary of Safety and Effectiveness** (in accordance to 21 CFR 807.87(h))

DEC 8 2010

**Device Name**

**Proprietary Device Name:** NeMa-st

**Establishment Name and Registration Number of Submitter**

Name: Nevomatrix Ltd.

Corresponding Official: Dan Laor

Sireni 6, Haifa 32972, Israel

TEL: 972-4-8246632

**Device Classification**

Product Code: GZJ  
CFR section: 882.5890  
Panel Identification: Neurology  
Device Description: Stimulator, nerve, transcutaneous, for pain relief  
Classification: Class II Product

**Reason for 510(k) Submission**

Traditional 510(k) Submission

**Identification of Legally Marketed Predicate Devices**

K062354 Vectra Genisys

K060517 Pointer Excel

**Device Description**

The NeMa-st is a pain relief treatment console, which includes Screen, Mouse, Keyboard, Processor, embedded Software, Power Supplies and the stimulator circuitry and probes.

**Intended use and indications for Use**

NeMa-st is intended for Transcutaneous Electrical Nerve Stimulation (TENS) for back pain relief. NeMa-st is indicated for the relief and management of symptomatic chronic or intractable back pain and/or post-surgical back pain and/or post trauma back pain.

**Safety & Effectiveness**

The device has been designed, verified and validated complying to 21CFR 820.30 regulations. The device has been certified to IEC 60601-1, IEC 60601-1-2 & IEC 606012- 10 Safety standards. This certification and the results of performance bench and validation testing demonstrate the device safety and effectiveness.

**Substantial Equivalency**

It is Nervomatrix opinion that the NeMa-st is substantially equivalent in terms of safety and effectiveness to the predicate devices.



DEPARTMENT OF HEALTH & HUMAN SERVICES

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Food and Drug Administration  
10903 New Hampshire Avenue  
Document Mail Center - WO66-G609  
Silver Spring, MD 20993-0002

Nervomatrix Ltd.  
c/o Mr. Dan Laor  
Sireni 6,  
Haifa 32972  
Israel

DEC - 8 2010

Re: K100668

Trade/Device Name: NeMa-st, model v1.0.2

Regulation Number: 21 CFR 882.5890

Regulation Name: Transcutaneous electrical nerve stimulator for pain relief

Regulatory Class: unclassified

Product Code: GZJ

Dated: November 14, 2010

Received: November 18, 2010

Dear Mr. Laor:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

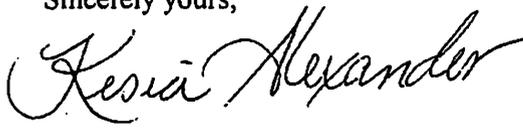
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic

product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please go to <http://www.fda.gov/AboutFDA/CentersOffices/CDRH/CDRHOffices/ucm115809.htm> for the Center for Devices and Radiological Health's (CDRH's) Office of Compliance. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638 2041 or (301) 796-7100 or at its Internet address <http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours,

*for*   
Malvina B. Eydelman, M.D.  
Director  
Division of Ophthalmic, Neurological,  
and Ear, Nose and Throat Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

## Indications for Use

510(k) Number (if known): K100668

Device Name: Nema -st model v1.0.2

Indications For Use:

NeMa-st is intended for Transcutaneous Electrical Nerve Stimulation (TENS) for back pain relief. NeMa-st is indicated for the relief and management of symptomatic chronic or intractable back pain and/or post-surgical back pain and/or post trauma back pain.

Prescription Use    
 (Part 21 CFR 801 Subpart D)

AND/OR

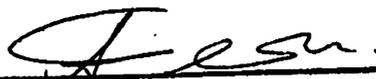
Over-The-Counter Use \_\_\_\_\_   
 (21 CFR 801 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

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Concurrence of CDRH, Office of Device Evaluation (ODE)

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(Division Sign-Off)

Division of Ophthalmic, Neurological and Ear,  
Nose and Throat Devices

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